

In the Specification:

Please replace the paragraph beginning at page 6, line 9 with the following:

B<sup>1</sup>  
--Figure 1 shows the nucleic acid sequence of Potato Proteinase Inhibitor I (PPI-I/pUC19) (SEQ ID NO:1). The signal sequence is in bold type and the start and stop codons are in italic. The mutagenic primer is denoted by underlined in lower case with the Bgl II site created by mutagenesis in bold italic. The upstream and downstream primers used were the Forward and Reverse M13(lacZ) Primers [Perkin Elmer].--

Please replace the paragraph beginning at page 6, line 15 with the following:

B<sup>2</sup>  
--Figure 2 shows Avidin cDNA (pGEMav) (SEQ ID NO:2). The signal sequence represented in bold type, start and stop codons are in italic, primers are underlined lower case with the BamH I site created by mutagenesis in italic. The downstream primer used was the Reverse M13(lacZ) Primer [Perkin Elmer].--

Please replace the paragraph beginning at page 6, line 20 with the following:

B<sup>3</sup>  
--Figure 3 shows streptavidin cDNA (Streptavidin/pUC19) (SEQ ID NO:3). Start and stop codons are in bold type. EcoR I and Xba I sites are in italic.--

Please replace the paragraph beginning at page 6, line 23 with the following:

B<sup>4</sup>  
--Figure 4 shows potato proteinase inhibitor II (PPI-II/pUC19) (SEQ ID NO:4). The signal sequence is represented in bold type and start and stop codons are in bold italic. Underlined type denotes the intron within the signal sequence. The asterisk denotes the result of PCR error during isolation of the PPI-II sequence.--

Please replace the paragraph beginning at page 7, line 5 with the following:

B5  
--Figure 7 shows a schematic representation of the pART7 expression cassette as it was cloned into the pART27 binary vector; A) containing the PPI-I-Avidin gene fusion and B) containing the PPI-II/Streptavidin gene fusion (altered BamH I site = SEQ ID NO:5).--

Please replace the paragraph beginning at page 7, line 9 with the following:

B6  
--Figure 8 shows PPI-I/Avidin gene fusion sequence (SEQ ID NO:6) (A) and fusion protein sequence (SEQ ID NO:7) (B): The fusion protein has a total of 161 amino acids; the PPI-I sequence is represented by italic type with bold type denoting the PPI-I signal peptide. Two amino acids, novel to both the PPI-I and the Avidin peptide sequences and represented in lower case, were introduced with the ligation of the Bgl II and BamH I compatible cohesive ends.--

Please replace the paragraph beginning at page 7, line 15 with the following:

B7  
--Figure 9 shows PPI-II/Streptavidin gene fusion sequence (SEQ ID NO:8) (A) and fusion protein sequence (SEQ ID NO:9) (B): The fusion protein has a total of 168 amino acids; the PPI-II sequence is represented by italic type with bold type denoting the PPI-II signal peptide. Three amino acids, novel to both PPI-II and the Streptavidin peptide sequences and represented in lower case, were introduced at the point of fusion.--

Please replace the paragraph beginning at page 7, line 24 with the following:

B8  
--Figure 12 (A) shows the nucleotide sequence for the gene for streptavidin (SEQ ID NO:10) (Argarana *et al.* 1986). The signal sequence is represented in bold type, start and

stop codons in bold italic. (B) shows the protein sequence for streptavidin (SEQ ID NO:11). The signal sequence is represented in bold type.--

Please replace the paragraph beginning at page 28, line 7 with the following:

--Primers:

Forward M13 (lacZ) Primer [Perkin Elmer] (SEQ ID NO:12):

5'-GCCAGGGTTTCCAGTCACGA-3'

Reverse M13 (lacZ) Primer [Perkin Elmer] (SEQ ID NO:13):

5'-GAGCGGATAACAATTCACACAGG-3'

Avidin Upstream Primer (SEQ ID NO:14):

5'-GCACACCCGGCTGTCCACCTG-3'

Phosphorylated Mutagenic Primers

PPI-I mutagenic primer (SEQ ID NO:15):

5'-PGATGGACCAGAGATCTTAGAAC-3'

Avidin mutagenic primer (SEQ ID NO:16):

5'-PGGCTCCCGGGATCCCTGCCAG-3'--